



William's Miniature

by Arya Akhavan (July 2015)

Angles for R.I. = 1.720

40 + 16 girdles = 56 facets

4-fold, mirror-image symmetry

96 index

$L/W = 1.000$

$P/W = 0.466$ $C/W = 0.266$

$Vol./W^3 = 0.235$

PAVILION

P1 44.01° 03-09-15-21- Cut to centerpoint.
27-33-39-45-
51-57-63-69-
75-81-87-93

G1 90.00° 03-09-15-21- Set stone size.
27-33-39-45-
51-57-63-69-
75-81-87-93

P2 43.00° 96-24-48-72 Meet P1, G1

CROWN

C1 42.66° 09-15-33-39- Set girdle width.
57-63-81-87

C2 38.00° 03-21-27-45- Level girdle.
51-69-75-93

C3 12.16° 12-36-60-84 Meet C1, C2

I wrote this design for William Parent, specifically for a small, lighter-colored sapphire of his. It's...let's just call it unique. The reflection pattern is absolutely fascinating, somewhat reminiscent of my "Temple Ruins" design, but more glittery. Technically works in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but I think it looks overwhelmingly better in RIs between 1.72 and 2.16. If you try it in quartz, let me know!

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